

FORM HDP-1449 (Based on Form PTO-1449) Information Disclosure Citation

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Sheet 1 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
7784-000707	10/821,454
APPLICANT	
Changzhou Wang	-
FILING DATE	GROUP
04/09/2004	unknown 2129

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		6,539,373	Mar. 25, 2003	Guha	707/3	May 11, 2000
2.		6,526,405	Feb. 25, 2003	Mannila, et al.	707/6	Dec. 17, 1999
3.		6,516,288	Feb. 4, 2003	Bagne	702/179	Oct. 10, 2001
4.		6,496,817	Dec. 17, 2002	Whang, et al.	707/2	Apr. 27, 2000
5.		6,473,757	Oct. 29, 2002	Garofalakis, et al.	707/6	Mar. 28, 2000
6.		6,385,608	May 7, 2002	Mitsuishi, et al.	707/6	Nov. 5, 1998
7.		6,317,700	Nov. 13, 2001	Bagne	702/181	Dec. 22, 1999
8.		6,292,802	Sep. 18, 2001	Kessenich, et al.	707/101	May 9, 2000
9.		6,272,478	Aug. 7, 2001	Obata, et al.	706/12	Dec. 31, 1997
10.		6,236,982	May 22, 2001	Mahajan, et al.	706/45	Sep. 14, 1998
11.		6,230,151	May 8, 2001	Agrawal, et al.	706/12	Apr. 16, 1998
12.		6,212,525	Apr. 3, 2001	Guha	707/101	Feb. 24, 1999
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14.		6,185,559	Feb. 6, 2001	Brin, et al.	707/6	May 9, 1997
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17.		6,094,645	Jul. 25, 2000	Aggarwal, et al.	706/47	Nov. 21, 1997
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4/9/2001	unknown

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23.		5,742,811	Apr. 21, 1998	Agrawal, et al.	395/606	Oct. 10, 1995

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OTHE	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)			
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1.		Agrawal, Rakesh, et al., <i>Mining Sequential Patterns</i> , ELEVENTH INTERNATIONAL CONFERENCE ON DATA ENGINEERING, Taipei, Taiwan, 1995, IEEE Computer Society Press.		
2.		Gusfield, Dan, <i>Algorithms on Strings, Trees, and Sequences</i> , COMPUTER SCIENCE AND COMPUTATIONAL BIOLOGY, 1997		
3.		Han, Jiawei, et al., Scalable Frequent-Pattern Mining Methods: An Overview, KDD TUTORIAL NOTES, 2001, August 26-29, 2001, San Francisco, CA., Cambridge University		
4.		Press,. See http://www.es.sfu.ca/~peijian/personal/publications/kdd01.tutorial.zip Han, Jiawei, et al., Mining Frequent Patterns without Candidate Generation, PROCEEDINGS ON INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA 2000 (SIGMOD'00).		
5.		Joshi, Mahesh et al., <i>A Universal Formulation of Sequential Patterns</i> , TECHNICAL REPORT NUMBER 99-21, May 20, 1999, Department of Computer Science, University of Minnesota, Minneapolis.		
6.		Leung, Carson Kai-Sang, et al., <i>OSSM: A Segmentation Approach to Optimize Frequency Counting,</i> 18 TH INTERNATIONAL CONFERENCE ON DATA ENGINEERING 2000, February 26 – March 1 2002, San Jose, California.		

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OTHE	R DOCUME	NTS (including Author, Title, Date, Pertinent Pages, etc.)
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7.		Mannila, Heikki, et al., <i>Discovering Generalized Episodes Using Minimal Occurrences</i> . In KDD, pgs. 146-151, 1996. See http://citeseer.ist.psu.edu/cache/papers/es/021/http:zSzzSzpegaeue.eee.utexac.eduzSzeeu-rezSzzee380/zS
8.		Mannila, Heikki, et al., Discovering Frequent Episodes in Sequences. KDD TUTORIAL NOTES, pgs. 210-215, 1995. See http://citeseer.ist.psu.edu/cache/papers/cs/6625/http:zGzzGzcs:chungbuk.ac.krzGz_eegrad-uzGzreferencessz_
9.		Mannila, Heikki, et al., <i>Discovery of Frequent Episodes in Event Sequences, Data Mining & Knowledge</i> , TECHNICAL REPORT C-1997-15, Department of Computer Science, University of Helsinki, Finland, Series of Publications C, February 26, 1997.
10.		Pei, Jian, et al., PrefixSpan: Mining Sequential Patterns Efficiently by Prefix-Projected Pattern Growth., 17 TH INTERNATIONAL CONFERENCE ON DATA ENGINEERING, April 2-6, 2001, pgs. 215-224. See http://citeseer.nj.nec.com/cache/papers/cs/27046/http:zCzzSzwww-faculty.cs.uiuc.eduzSz_hanizSzpdfzSzepan01.pdf/poi01prefixepan/pdf.
11.		Pei, Jian, et al., <i>Mining Sequential Patterns with Constraints in Large Databases</i> , 11 TH INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT, pgs. 18-25, November 4-9, 2002, McLean, Virginia.
12.		Roddick, John F. et al., <i>A Survey of Temporal Knowledge Discovery Paradigms and Methods</i> , IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, Vol 14. No. 4, 2002 pgs. 750-767.
13.		Srikant, Ramakrishnan, et al., <i>Mining Sequential Patterns: Generalizations and Performance Improvements</i> , 5TH INT'L CONFERENCE ON EXTENDING DATABASE TECHNOLOGY (EDBT), Avignon, France, 1996.
14.		Thomas, Shiby, et al., <i>Mining Generalized Association Rules and Sequential Patterns Using SQL Queries</i> , FOURTH INTERNATIONAL CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, pgs. 344-348, 1998.
15.		Yang, Jiong, et al., <i>Mining Long Sequential Patterns in a Noisy Environment,</i> PROCEEDINGS OF THE ACM SIGMOD INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA, pgs. 406-417, June 3-6, 2002.

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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner:	/Joseph Hirl/ (07/07/200	Date Considered:	